

## ***Intelligence, Surveillance, and Reconnaissance***

### ***Discussion***

Intelligence has always been the driving force of Marine Corps operations and planning, and the foundation upon which current and future operational capabilities are built. Surveillance and Reconnaissance are the means of collecting and reporting information from which intelligence is derived. Intelligence, Surveillance, and Reconnaissance (ISR) will be critical to the successful execution of EMW and support to the Marine Corps.

From an intelligence perspective, (EMW) relies on the MAGTF commander's ability, prior to arrival in the operating area, to gain timely, accurate, and relevant information on the enemy and operating environment in order to exploit the enemy's weaknesses and avoid the enemy's strengths. MAGTF ISR must provide both three-dimensional, situational awareness to units spread throughout the theater, and the means to disseminate intelligence requirements in an expeditious and interactive fashion. Overall, EMW presents formidable challenges to organic collection, processing, and dissemination capabilities, as well as to the MAGTF's ability to leverage support from both theater and national level assets.

To meet these challenges, ISR will leverage emerging technologies and employ a combination of robust organic tactical assets and connectivity to theater and national capabilities. In order to fulfill many of its tactical intelligence requirements, the MAGTF will require organic ISR sensors that can be launched and controlled from ship. Furthermore, intelligence must support planning and operations both afloat and ashore. ISR support to the Marine Corps of the 21<sup>st</sup> century will place greater demands for new collection capabilities that are sustained, non-intrusive, and capable of complementing and operating with efforts already in place. Urban operations, for example, will require access to, multifunctional aerial collection of imagery through organic manned and unmanned platforms with multiple modular payloads capable of providing continuous day/night, all weather coverage throughout the area of responsibility. Marine Corps Signal Intelligence (SIGINT) and Counter-Intelligence/Human Source Intelligence (CI/HUMINT) will require similar innovation. While technology is an important part in developing a 21<sup>st</sup> century ISR capability, the ongoing, multi-year program to revitalize Marine Corps intelligence personnel and training will play as critical a role.

Development and maintenance of a friendly/enemy common picture of the battlespace is critical. In order to exploit the complex and dynamic operational environment of tomorrow, commanders must maintain continuous situational awareness. As the intelligence segment of MAGTF C4I, the Intelligence Analysis System (IAS) will provide the intelligence portion of the MAGTF commander's common picture of the battlespace with connectivity to higher and adjacent headquarters.

### ***Marine Corps Position***

In recognition of the increasingly crucial role intelligence plays on the modern battlefield, the leadership of the Marine Corps is committed to providing the resources necessary to ensure Marine Corps intelligence is organized, trained, and equipped to meet the challenges of today and tomorrow.

